

WPANT30086-S3A

2.45 GHz Wi-Fi Body-mount Antenna



Description / Application

This is a 2.45 GHz Wi-Fi / WLAN Body mount antenna. It is surface independent, which means it performs efficiently on metallic as well as non-metallic surfaces. Standard cable is 18" long 1.32mm OD micro coax and connector is SMA Male.

Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	2.4 – 2.5 GHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical	< 2:1
Peak Gain [dBi] (Typical)	~ 2 dBi
Efficiency [%] (Typical)	60 – 70 %
Polarization	Linear
Pattern	Near Omni-directional
Accepted Power [W] (Max)	2 Watts

Mechanical / Environmental Properties

Antenna Dimensions	1.5" Height** X 1.3" Base Dia (38mm X 32.3mm)
Antenna Color	Black
Cable	18" long 1.32mm OD Micro Co-ax
Connector	Straight SMA Male
Tape	Standard 3M 4920 double stick
External Bottom Gasket Material	Standard 3M 6208 foam
Nut	Standard Nylon M12
Torque for the Nut	1.2
Antenna Plastic Radome	ABS + Polycarbonate
Operating / Storage Temperature	-40°C to +90°C
Environmental (for the complete antenna assembly, including the external foam gasket)	Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0 This antenna is built in accordance with: IP 67,66,65 NEMA 250-2008 ASTM G 85-2009 ASTM G 154-2006
Hazardous Materials	RoHS Compliant

**Height includes the 3M tape & foam gasket thickness.

Pictures of the Antenna



Note: Mounting screw has two flat surfaces opposite to each other.

VSWR of the Antenna

